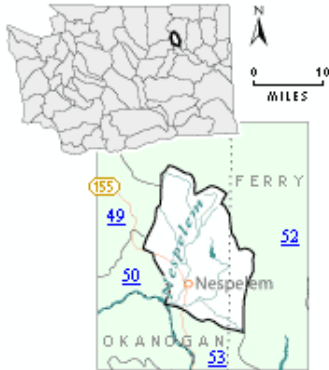


Nespelem Basin - WRIA #51

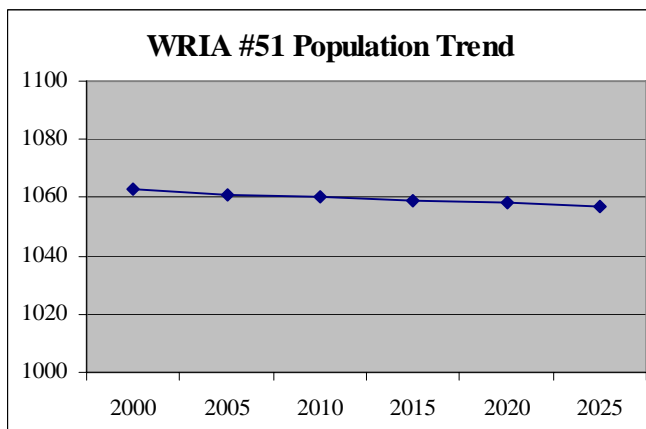


Watershed Description

WRIA #51 encompasses about 144,375 acres. This watershed is located within the Columbia Basin and Northern Rockies ecoregions. This valley was impacted by the melting of the Okanogan lobe of the Wisconsin Glacier. As the glacier melted, it retreated up the valley leaving behind a blanket of glacial till. Up to 50 feet thick, the till is composed of clay, silt, sand, gravel, cobbles, and boulders. This soil supports native vegetation composed of big sagebrush, bluebunch wheatgrass, three-tip sage, and Idaho fescue. Average rainfall is 10 inches per year.

Population

There are approximately 1,062 people living in the Nespelem Basin. The primary population center is Nespelem. The population graph reflects the combined projected population of those counties located within the watershed (Office of Financial Management population projections).



| Counties | % of basin |
|----------|------------|
| Okanogan | 85% |
| Ferry | 15% |

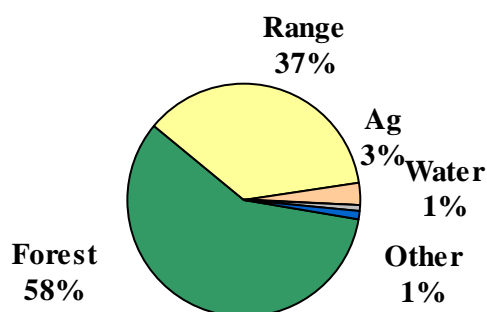
| Tribal Reservation Lands in WRIA #51 |
|--------------------------------------|
| Colville Confederated Tribes |

Land ownership for WRIA #51 includes tribal and private lands. Data was derived from the Public Lands Survey by Washington Department of Natural Resources (DNR).

| Land Ownership | Acres | Proportion |
|----------------|---------|------------|
| Federal | 0 | 0% |
| State | 0 | 0% |
| Local | 0 | 0% |
| Tribal | 144,542 | 99.9% |
| Private | 166 | 0.1% |

Land use in the Nespelem Basin is mainly forestry and range related uses. The general type of known land-use activities¹ within the watershed is graphed according to the percentage of its occurrence.

Land use in the Nespelem Basin



¹ Category "other" may include perennial ice/snow, bare rock/sand/clay, quarries/strip mines/gravel pits, transitional, barren, and/or wetland areas.

The primary town in WRIA #51 is Nespalem.

Legislative and Congressional Districts

To determine your region's legislative or congressional district, see:

<http://www1.leg.wa.gov/DistrictFinder/Default.aspx>

To determine **Latitude/Longitude coordinates**, see:

<http://www.topozone.com/>

(Make sure you set the button on the bottom of the page to D/M/S - hold the cursor over a spot on the map and the coordinates show at the bottom of the screen.)

Several federal programs refer to watersheds according to their Hydrological Unit Code (HUC). To learn more about your watershed and determine which **HUC** your town or county is located in, see:

<http://water.usgs.gov/wsc/>

Water Quality

Water Quality Assessment

The statewide Water Quality Assessment categorizes waterbody segments that have water quality data available. The Simple Query Tool and interactive mapping tool allow you to search for specific categories, water bodies, pollutant parameters, and other information, in whatever combination you choose. **WRIA #51** has zero (0) known Category 5 (impaired) water bodies.

To view the Water Quality Assessment, use the Simple Query Tool.

<http://apps.ecy.wa.gov/wats/WATSOBEHome.asp>

To view the Water Quality Assessment by Category, choose the Category (1 – 5) you are interested in from the drop down box. To view it by Water Resource Inventory Resource Area (WRIA), choose the WRIA number you are interested in from the drop down box.

Use the Interactive Mapping Tool to see a graphic representation of the Water Quality Assessment. This is a Geographic Information System (GIS) application that helps you find waters you are interested in and information about problems in that water body.

<http://apps.ecy.wa.gov/wgawa/viewer.htm>

Domestic Water Supply

No significant use of surface water sources. For further information regarding water supplies, see:

<http://www.doh.wa.gov/ehp/dw/default.htm>

Salmonid Stock Status

Good water quality is important to help salmon survive and thrive. To find out which salmon species are listed as threatened or endangered in a region, see:

<http://www.governor.wa.gov/gsro/regions/map.htm>

Air Quality

Water quality can be affected by air quality; for example, windblown dust from construction sites or bare, dry agricultural lands, especially fallow fields, may be transported to waterways. For information about air quality, see:

http://www.ecy.wa.gov/programs/air/aginfo/Windblown_dust_information.htm

TMDLs and Other Watershed-Based Plans

For information about Total Maximum Daily Loads (**TMDLs**) in your area, see:

<http://www.ecy.wa.gov/programs/wq/tmdl/>

To learn more about **watershed planning** in Washington State, see:

<http://www.ecy.wa.gov/watershed/index.html>

For **funding applicants**, other useful links can be found at:

<http://www.ecy.wa.gov/programs/wq/funding/links.html>